

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yusho NAKAMOTO, Toshihiko TSUNODA,  
Keiko ONO, Naoko KAGEYAMA,  
Yoshikazu YAZAKI, Hujian JIANG, Frank LAWSON,  
Peter Heinz Theodore UHLHERR,  
John Bernald WATKINS

Application No.: New U.S. Patent Application

Filed: March 19, 2002

Docket No.: 112329

For: A METHOD FOR THE PRODUCTION OF TANNIN AND ITS USE

**PRELIMINARY AMENDMENT**

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please replace claims 3 and 5-8 as follows:

3. (Amended) A method of extracting tannin according to claim 1, wherein the lower alcohol/aqueous solvent is a mixed solvent having a mixing ratio between lower alcohol and water of 99: 1 to 50: 50.
5. (Amended) A method for extracting tannin according to claim 1, wherein an extraction temperature is 1 to 100°C and preferably in the range 15 to 65°C.
6. (Amended) Tannin obtained by the extraction method as claimed in claim 1.
7. (Amended) An adhesive or a binder comprising tannin as one of the constituents obtained by the extraction method as claimed in claim 1.

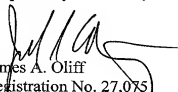
8. (Amended) A composition for a molding containing tannin obtained by the extraction method as claimed in claim 1.

REMARKS

Claims 1-13 are pending. By this Preliminary Amendment, claims 3 and 5-8 are amended to eliminate multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

Joel S. Armstrong  
Registration No. 36,430

JAO:JSA/cmm

Attachment: Appendix

Date: March 19, 2002

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

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## APPENDIX

## Changes to Claims:

The following are marked-up versions of the amended claims:

3. (Amended) A method of extracting tannin according to claim 1 ~~or 2~~, wherein the lower alcohol/aqueous solvent is a mixed solvent having a mixing ratio between lower alcohol and water of 99: 1 to 50: 50.
5. (Amended) A method for extracting tannin according to claim 1 ~~any one of claims 1 to 3~~, wherein an extraction temperature is 1 to 100°C and preferably in the range 15 to 65°C.
6. (Amended) Tannin obtained by the extraction method as claimed in claim 1 ~~any one of claims 1 to 5~~.
7. (Amended) An adhesive or a binder comprising tannin as one of the constituents obtained by the extraction method as claimed in claim 1 ~~any one of claims 1 to 5~~.
8. (Amended) A composition for a molding containing tannin obtained by the extraction method as claimed in claim 1 ~~any one of claims 1 to 5~~.